Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

No.KMTH/PMC/YD/2019-2020/W2

Date: 30.07.2020

To,
The Executive Engineer,
Yelahanka Old Town,
Sub Division, Bengaluru.

"PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Sub: Regarding inspection report for the below mentioned work

Name of work: Construction of Drains and Culverts at Kenchenahalli And Nagenahalli Layout ISRO Layout Harohalli and Surrounding Areas in Chowdeshwari Ward No. 02, Yelahanka Sub Division.

Item No	Description of Work	Unit	Quantity
1	Removing And Resetting of Footpath Slabs	Sqm	381.60
2	KSRRB 300- Excavation for Drains and similar works KSRRB 300-01 Earth Work Excavation by Manual Means In Ordinary Soil Involving an Average.	Cum	1688.33
3	Providing and Laying Plain Cement Concrete of Mix 1:4.8 with OPC @220Kgs With Crushed 40mm and Down Size Graded Granite.	Cum	287.93
4	KSRRB M 2200.06 Providing TMT Steel Reinforcement for RCC WORK Including Straightening, Cutting, Bending, Hooking, Placing in Positions	Tons	39.39
5	Providing and Laying Reinforced Cement Concrete for Side Drains using M20 Nominal Mix Concrete with OPC@300Kgs with 20mm Down Size.	Cum	649.63
6	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite Jelly 20mm & down size	Sqm	1215.00
7	Providing and fixing RCC Precast cover slab of 250mm thick for Culverts in cement concrete 1:1.5:3 using graded granite Jelly 20mm & down size.	Sqm	32.85
	providing and fixing Pre cast solid concrete kerb stones of size 450x200x400 mm made of CC 1:2:4 and finished with CM 1:3 plastering	Nos	2112.00

AE-2
A.E.E

Off & Lab :No. 8 (10/3), 4th cross, Basaveshwara layout, Nagashettihalli, RMV 2nd Stage, BENGALURU 560094
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9	Painting two coats after filling the surface with synthentic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour completed as per specifications.	Sqm	435.20
10	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granlar base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 KG/Sqm using mechanical means complete as per specifications and as per directions of the engineer in charge of the work.	Sqm	6415.00
11	Cleaning the existing block topped surface with Sqm brooms , soft brushes and finally dusting with old gunny bags and /or compressed air to receive bituminous treatment	Sqm	6415.00
12	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, lavel and allignment, rolling with smooth wheeled, vibratory and tandom rollers to achieve the desired compaction.	Cum	48.11
13	Providing and applying tack coat using 80/100 grade sqm bitumin(VG10) in boiler fitted with the spray set distributor at the rate of 0.25KG/Sqm on the existing prepared bituminous (prime surface) clean with the mechanical broom, complete as per specifications. CLAUSE 503 of MORTH V revision	Sqm	6415.00
14	providing and laying bituminous concrete 40mm thick with hot mix plant, using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4% of modified bituminious binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastic(waste plastic) crushed aggregates of specified grading pre mixxed with bituminous binder.	Sqm	256.60
15	Road marking with hot applied thermoplastic compound with reflectrising glass beads on bituminous/ concrete surface. providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectrising glass beads at 250gms/ Sqm area, thickness of 2.5mm is exclusive of surfsce applied glass beads as per IRC: 35 standards specified the finished surface to be levell uniform and free from streaks and holes complete as per speciationd MORTH	Nos	403.88
	Supply and installation of molded shank raised pavment markers made up of poly carbonate and ABS (acrylonitrile Butadiene styrene) molded body and reflective pannels with microprismatic lens capable of providing total internal reflection of the light entering the lense face and shall support load of 16000 KG tested in accordance to	Nos	604.00

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